

ABSTRACT

The present invention provides a gene encoding *ANT*-like polypeptide comprising in the N-terminal to C-terminal direction two AP2 DNA binding domains followed in the C-terminal by an amino acid subsequence selected from the group consisting of Xaa-Ser-Ser-Ser-Arg-Glu, Xaa-Ser-Asn-Ser-Arg-Glu, and Asn-Ser-Ser-Ser-Arg-Asn, wherein Xaa is an amino acid residue selected from the group consisting of Gly, Ala, Val, Leu, and Ile. Such gene encoding ANT-like polypeptide can be over-expressed in a transgenic plant to provide agronomically desired traits based on increased size of selected plant organs.

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